Reply to Office Action dated June 2, 2004

## Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1. (Currently Amended) A PDP (Plasma Display Panel) comprising a pair of substrates opposed to each other at a prescribed interval, a plurality of address electrodes arranged on one of the substrates, a plurality of sustaining electrodes arranged on the other substrate, the sustaining electrodes intersecting the address electrodes, barriers dividing discharge cells while maintaining the prescribed interval between the substrates, and R (Red), G (Green) and B (Blue) fluorescent layers formed between the barriers in order,

wherein the barriers are arranged parallel to one another between the address electrodes; pairs of the barriers corresponding to two fluorescent layers of the R, G and B fluorescent layers are in the form of a stripe without bridges and a pair of the barriers corresponding to the other fluorescent layer include bridges extending in a longitudinal direction of the sustaining electrodes as a discharge cell unit.

2. (Original) The PDP according to claim 1, wherein the other fluorescent layer is the B fluorescent layer.

Reply to Office Action dated June 2, 2004

3. (Cancelled)

4. (Cancelled)

5. (Previously Presented) A PDP (Plasma Display Panel) comprising a pair of substrates opposed to each other at a prescribed interval, a plurality of address electrodes arranged on one of the substrates, a plurality of sustaining electrodes arranged on the other substrate, the sustaining electrodes intersecting the address electrodes, barriers dividing discharge cells while maintaining the prescribed interval between the substrates, and R (Red), G (Green) and B (Blue) fluorescent layers formed between the barriers in order,

wherein the barriers are arranged parallel to one another between the address electrodes; a pair of the barriers corresponding to the G fluorescent layer of the R, G and B fluorescent layers are in the form of a stripe and pairs of the barriers corresponding to the R and B fluorescent layers include bridges extending in a longitudinal direction of the sustaining electrodes as a discharge cell unit, and

an interval between bridges in the discharge cell corresponding to the B fluorescent layer is larger than in the discharge cell corresponding to the R fluorescent layer.

Reply to Office Action dated June 2, 2004

- 6. (Previously Presented) The PDP according claim 1, wherein the bridge is lower than the stripe type barrier.
- 7. (Original) The PDP according to claim 5, wherein an upper surface of the bridge is not coated with the fluorescent layer.
- 8. (Currently Amended) A PDP (Plasma Display Panel) comprising a pair of substrates opposed to each other at a prescribed interval, a plurality of address electrodes arranged on one of the substrates, a plurality of sustaining electrodes arranged on the other substrate, the sustaining electrodes intersecting the address electrodes, barriers dividing discharge cells while maintaining the prescribed interval between the substrates, and R (Red), G (Green) and B (Blue) fluorescent layers formed between the barriers in order,

wherein the barriers are arranged parallel to one another between the address electrodes; a pair of the barriers corresponding to the G fluorescent layer of the R, G and B fluorescent layers are in the form of a stripe and pairs of the barriers corresponding to the R and B fluorescent layers include bridges extending in a longitudinal direction of the sustaining electrodes as a discharge cell unit,

Serial No. 10/046,285

Amdt. dated September 2, 2004

Reply to Office Action dated June 2, 2004

an interval between bridges in the discharge cell corresponding to the R fluorescent layer is smaller than an interval between bridges in the discharge cell corresponding to the B fluorescent fluorescent layer, and

an upper surface of the bridge in the discharge cell corresponding to the R and B fluorescent layers is coated with the fluorescent layers.

Docket No. RPL-0025

9. (Previously Presented) An apparatus comprising:

a first set of discharge cells; and

a second set of discharge cells, wherein:

the first set of discharge cells and the second set of discharge cells are separated by barriers;

each cell of the first set of discharge cells is separated from another adjacent cell of the first set of discharge cells by bridges; and

each cell of the second set of discharge cells is contiguous with another adjacent cell of the second set of discharge cells.

10. (Previously Presented) The apparatus of claim 9, wherein the first set of cells are configured to discharge blue light.

Reply to Office Action dated June 2, 2004

- 11. (Previously Presented) The apparatus of claim 9, wherein the apparatus is an plasma display device.
  - 12. (Previously Presented) The apparatus of claim 21, wherein:
    the second set of discharge cells are configured to discharge red light; and
    the third set of discharge cells are configured to discharge green light.
- 13. (Previously Presented) The apparatus of claim 9, wherein the height of the bridges is less than the height of the barriers.
  - 14. (Previously Presented) An apparatus comprising:
    - a first set of discharge cells;
    - a second set of discharge cells; and
    - a third set of discharge cells, wherein:

the first set of discharge cells, the second set of discharge cells, and the third set of discharge cells are separated by barriers;

each cell of the first set of discharge cells is separated from another adjacent cell of the first set of discharge cells by bridges;

Reply to Office Action dated June 2, 2004

each cell of the second set of discharge cells is separated from another adjacent cell of the second set of discharge cells by bridges;

each cell of the third set of discharge cells is contiguous with another adjacent cell of the third set of discharge cells;

the surface area of each cell of the first set of cells is larger than the surface area of each cell of the second set of cells.

15. (Previously Presented) The apparatus of claim 14, wherein:

each cell of the first set of discharge cells is separated from another adjacent cell of the first set of discharge cells by a single bridge; and

each cell of the second set of discharge cells is separated from another adjacent cell of the first set of discharge cells by at least two bridges.

- 16. (Previously Presented) The apparatus of claim 14, wherein the first set of cells are configured to discharge blue light.
- 17. (Previously Presented) The apparatus of claim 14, wherein the second set of discharge cells are configured to discharge red light.

Serial No. 10/046,285

Amdt. dated September 2, 2004

Reply to Office Action dated June 2, 2004

18. (Previously Presented) The apparatus of claim 14, wherein the third set of discharge cells are configured to discharge green light.

Docket No. RPL-0025

- 19. (Previously Presented) The apparatus of claim 14, wherein the apparatus is an plasma display device.
- 20. (Previously Presented) The apparatus of claim 14, wherein the height of the bridges is less than the height of the barriers.
- 21. (Previously Presented) The apparatus of claim 9, comprising a third set of discharge cells, wherein:

the first set of discharge cells, the second set of discharge cells, and the third set of discharge cells are separated by barriers; and

each cell of the third set of discharge cells is contiguous with another adjacent cell of the third set of discharge cells.

22. (Previously Presented) The apparatus of claim 9, wherein the second set of discharge cells are configured to discharge red light.

Serial No. 10/046,285

Amdt. dated September 2, 2004

Reply to Office Action dated June 2, 2004

23.

(Currently Amended) A PDP (Plasma Display Panel) comprising a pair of

Docket No. RPL-0025

substrates opposed to each other at a prescribed interval, a plurality of address electrodes

arranged on one of the substrates, a plurality of sustaining electrodes arranged on the other

substrate, the sustaining electrodes intersecting the address electrodes, barriers dividing

discharge cells while maintaining the prescribed interval between the substrates, and R

(Red), G (Green) and B (Blue) fluorescent layers formed between the barriers in order,

wherein the barriers are arranged parallel to one another between the address

electrodes; a pair of the barriers corresponding to one of the R, G and B fluorescent layers

are in the form of a stripe without bridges and pairs of the barriers corresponding to the

other two fluorescent layers include bridges extending in a longitudinal direction of the

sustaining electrodes as a discharge cell unit.

24. (Previously Presented) The PDP according to claim 23, wherein the two

fluorescent layers are R and B fluorescent layers.

9